

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--------------------------------|---|------------------|---------|------------------|
| L1 | 19 | "4,555,784" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:28 |
| L2 | 102538 | ".pn", | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:29 |
| L3 | 2 | "4,555,784".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:29 |
| L4 | 18029 | 1 and RS or reed adj Solomon | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:31 |
| L5 | 16 | 1 and (RS or reed adj Solomon) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:31 |
| L6 | 2 | 3 and (RS or reed adj Solomon) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:31 |
| L7 | 2 | 6 and parity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:32 |
| L8 | 1 | 7 and parity adj byte | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:32 |
| L9 | 1 | 8 and operation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:32 |

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| L10 | 1 | 9 and Galois same field | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:32 |
| L11 | 1 | 10 and coefficient | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:33 |
| L12 | 0 | 10 and coefficient same memory | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:33 |
| L13 | 0 | 11 and memory | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:34 |
| L14 | 0 | 11 and (buffer or RAN or ROM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:35 |
| L15 | 7 | Galois near4 field same polynomial near4 multiplication same coefficient same memory | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:38 |
| L16 | 7 | 15 and (memory or RAM or ROM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 19:47 |
| L17 | 7 | 16 and multiplication same galois same field | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 20:13 |
| L18 | 5 | 17 and byte | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 20:13 |
| L19 | 4 | 18 and (N and M) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 20:13 |

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| L20 | 2 | 19 and (n-1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 20:16 |
| L21 | 8 | (generation Reed Solomon parity bytes) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2010/03/28 20:22 |
| L22 | 2577 | (generation Reed Solomon parity bytes) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/28 20:22 |
| L23 | 2532 | 22 and (multiple operations feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 20:25 |
| L24 | 990 | 22 and (multiple operations feedback) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/28 20:25 |
| L25 | 0 | 24 and (terms N by M Galios Field polynomial multiplications) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/28 20:26 |
| L26 | 0 | 24 and (N-I) M Galios Field additions producing M result bytes | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/28 20:26 |
| L27 | 1 | 24 and (N-I) M Galois Field additions producing M result bytes | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/28 20:27 |
| L28 | 1 | 27 and (terms N by M Galios Field polynomial multiplications) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/28 20:28 |
| L29 | 0 | 27 and (terms N by M Galios Field polynomial multiplications) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/28 20:28 |

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| L30 | 0 | 27 and (N by M Galios Field polynomial multiplications) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/28 20:28 |
| L31 | 0 | 27 and (Galios Field polynomial multiplications) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/28 20:28 |
| L32 | 1 | 24 and (Galios Field polynomial multiplications) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/28 20:28 |